

APPENDIX F VULNERABILITY AND LOSS ESTIMATE

- Facility Type – Type of facility
- Number of Facilities – number of facilities assessed
- Name – Name of Facility
- Total – Total Value of building, including building costs and content values
- Vulnerability Levels – describes the extent and severity of damage to structural and nonstructural components of a building is described by one of five damage states:
 - VL- Very Low, (no, or negligible damage)
 - L- Low, (easily repairable damage mainly to part of nonstructural components and/or contents)
 - M- Moderate, (considerable, yet repairable damage to mainly non-structural components)
 - H - High (considerable damage to both structural and non-structural components), and
 - VH- Very High (that the extent of damage is too much to be repaired; the facility has to be demolished and replaced).

APPENDIX F VULNERABILITY AND LOSS ESTIMATE

ST. THOMAS

						Vulnerability Levels				
Facility Type	Number of Facilities	Name	Total	Earthquake	Hurricane	River Flood	Coastal Flood	Tsunami	Rain Induced Landslide	Wildfire
Police Stations	1	Public Safety - Zone C	\$423,750	H	M	H	VL	VL	VL	VL
	1	Crime Prevention/Community Relations Bureau	\$440,260	VH	H	VH	VL	VH	VL	VL
	1	Zone A Police station	\$9,675,625	VH	M	VL	VL	VL	VL	VL
	1	Chief of Police	\$1,412,500	VH	M	VH	VL	VL	VL	VL
	1	Bassanio David Police Dept.	\$513,636	VL	VH	VL	VL	VL	VL	VL
Fire Stations	1	Fire/Police Station	\$687,906	H	M	VL	VL	VL	L	VL
	1	Tutu Fire Station - Lima	\$2,514,250	VH	H	VH	VL	VL	L	M
	1	AA Farley Justice Center	\$44,025,974	VH	VL	VL	VL	VL	VL	VL
	1	VI Fire Service (Ft. Christian)	\$1,926,136	VH	H	VH	VL	VH	VL	VL
	1	Issiah Phillips Fire Dept.	\$2,503,977	VL	L	VL	VL	VL	VL	VL
Emergency Response	1	VITEMA	\$22,600,000	M	L	VL	VL	VL	VL	L
Hospitals/Clinics	1	Roy Lester Schneider Hospital & Community Healt	\$77,045,455	H	M	VL	VL	VL	VL	L
	1	Sea View Nursing Home	\$4,520,000	H	H	VL	VL	VL	M	M
	1	Queen Louise home	\$1,130,000	VH	H	VH	VL	VL	VL	L

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Facility Type	Number of Facilities	Name	Total	Earthquake	Hurricane	River Flood	Coastal Flood	Tsunami	Rain Induced Landslide	Wildfire
	1	Lucinda Millin Home for the Elderly	\$10,566,234	H	M	L	VL	VH	VL	VL
	1	East End Health Clinic	\$605,357	H	L	VL	VL	VL	VL	VL
Refuges	1	Bluewater Bible College	\$25,314,935	VH	H	VL	VL	VL	H	M
	1	St Thomas Assemblies of God Church	\$2,542,500	VH	H	VL	VL	VL	H	M
	1	Nisky Moravian Church	\$5,062,987	VL	H	VL	VL	VL	L	L
									L	H
Schools	1	Ivana Eudora Keah High School	\$35,940,638	VH	H	M	VL	VL	L	H
	1	Charlotte Amalie High School	\$52,153,846	H	M	H	VL	VL	VL	VL
Government Buildings	1	Department of Public Works	\$2,348,052	VH	H	VL	VL	VL	VL	VL
	1	VI National Guard	\$10,722,570	M	L	H	VL	VL	VL	VL
	1	VI Legislature	\$5,593,500	VH	H	VH	VL	VH	VL	VL
	1	Office of Management and Budget	\$2,948,498	VH	H	VH	VL	VH	VL	VL
	1	WAPA Administration Building	\$7,396,364	VH	VH	VL	VL	VH	VL	VL
	1	Government House	\$11,006,494	VH	H	VL	VL	VL	VL	VL
	1	Lt. Governors House	\$8,915,260	VH	H	VH	VL	VL	VL	VL
	1	Property Procurement	\$7,396,364	VH	VH	VH	VL	VH	VL	VL
	1	Human Services (food)	\$953,896	M	L	H	VL	VH	VL	VL
Airport	1	Airport	\$22,012,987	VL	L	VL	VL	VL	VL	VL

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Facility Type	Number of Facilities	Name	Total	Earthquake	Hurricane	River Flood	Coastal Flood	Tsunami	Rain Induced Landslide	Wildfire
Ports	1	Crown Bay Dock (VIPA)	\$963,068	M	M	VL	VL	VH	VL	VL
	1	VI Port Authority (Blyden Dock)	\$6,420,455	L	VL	VL	VL	VH	VL	VL
	1	Edward Wilmoth Blyden Marine Terminal	\$15,368,000	VH	L	VL	VL	VL	VL	VL
	1	West Indian Corporation Dock	\$2,751,623	VH	H	M	VL	VH	VL	VL
									VL	VL
Power Stations	1	WAPA Subbase Plant	\$49,720,000	VH	L	VL	VL	VH	VL	VL
	1	WAPA	\$399,536	VL	VL	VL	VL	VL	VL	VL
Utilities	1	Bovoni	\$1,192,370	H	L	H	VL	VH	VL	H
	1	Mangrove Lagoon Treatment Plant	\$50,850,000	H	L	H	VL	VH	VL	L
	1	WAPA Fuel Tanks	\$8,079,500	VH	L	VL	VL	VL	VL	H
	1	WAPA	\$399,536	H	L	VL	VL	VL	VL	VL

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ST. CROIX

						Vulnerability Levels				
Facility Type	Number of Facilities	Name	Total	Earthquake	Hurricane	River Flood	Coastal Flood	Tsunami	Rain Induced Landslide	Wildfire
Police Stations	1	Ann Schrader Command Police Station	\$1,070,675	M	L	H	VL	VL	VL	VL
	1	Patrick Sweeney Police Station	\$10,531,013	H	L	VL	VL	VL	VL	H
	1	Police Station/DPNR	\$28,302,097	M	L	VL	VL	VL	VL	VL
	1	Police Marine Unit	\$1,139,172	VH	M	VL	VL	VL	VL	VL
	1	Marshall Police Station	\$3,037,792	VL	L	VL	VL	VL	VL	VL
	1	Anna's Hope Detention Center	\$18,328,600	M	M	VL	VL	VL	VL	M
Fire Stations	1	Fire Dept. HQ	\$222,771	H	L	VL	VL	VL	VL	VL
	1	Emile Henderson Fire Station	\$2,810,875	VL	L	VL	VL	VL	VL	VL
	1	Chief Herbert L Canegata Fire Station	\$2,528,375	VH	H	VL	VL	VL	VL	VL
	1	Captain Charles A Seales Fire Station	\$1,666,750	VH	H	VL	VL	VL	VL	VL
	1	Captain Renceliaz J Cribbs Fire Station	\$1,850,375	VH	H	VL	VL	VL	VL	VH
Hospitals/Clinics	1	Ingerborg Nesbitt Clinic	\$23,002,838	M	L	VL	VL	VH	VL	VL

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Facility Type	Number of Facilities	Name	Total	Earthquake	Hurricane	River Flood	Coastal Flood	Tsunami	Rain Induced Landslide	Wildfire	
	1	Charles Harwood Clinic	\$51,215,131	VH	H	VL	VL	VL	VL	H	
	1	Juan F Luis Hospital	\$58,975,360	M	M	VL	VL	VL	VL	M	
Refuges	1	Herbert Griggs Home for the Aged	\$8,910,857	M	L	VL	VL	VL	VL	H	
	1	Bethlehem Houses	\$1,017,000	VH	H	VL	VL	VL	VL	M	
	1	Red Cross	\$2,673,257	VL	H	VL	VL	VL	VL	L	
Schools	1	Ricardo Richards Elementary School	\$6,870,400	VH	H	VH	VL	VL	VL	H	
	1	Alfredo Andrews Elementary School	\$15,972,036	VH	H	VL	VL	VL	VL	M	
	1	St Croix Central High School	\$19,166,444	M	L	VL	VL	VL	VL	M	
	1	Charles H Emanuel Elementary School	\$9,175,600	M	L	VL	VL	VL	VL	H	
	1	St Croix Education Complex High School	\$63,280,000	L	L	VL	VL	VL	VL	H	
	1	Alexander Henderson Elementary School	\$16,217,760	VH	VH	VL	VL	VL	VL	H	
	1	Claude O Markae School	\$13,883,385	VH	H	VL	VL	VL	VL	VL	
	1	Juanita Gardin Elementary School	\$5,264,896	VH	H	VL	VL	VL	VL	VL	
	1	Queen Louise Home for Children	\$7,290,701	H	M	VL	VL	VL	VL	H	

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Facility Type	Number of Facilities	Name	Total	Earthquake	Hurricane	River Flood	Coastal Flood	Tsunami	Rain Induced Landslide	Wildfire
Government Buildings	1	Department of Public Works and Human Services	\$23,226,020	H	M	VL	VL	VL	VL	VL
	1	Justice Department	\$2,227,714	M	L	M	VL	VL	VL	H
	1	WAPA	\$3,260,564	M	M	VL	VL	VL	VL	VL
	1	Management and Budget	\$5,702,949	M	M	VL	VL	VL	VL	M
	1	National Guard	\$14,257,371	M	M	VL	VL	VL	VL	VL
	1	Central Warehouse	\$2,938,000	M	M	VL	VL	VL	VL	VL
	1	Department of Public Works	\$4,252,909	H	M	VL	VL	VL	VL	M
	1	Lagoon Street Complex	\$3,661,200	M	L	H	VH	VH	VL	VL
	1	Governor's Office	\$30,998,982	VH	H	VH	VL	VL	L	VL
	1	Office of the Lt. Governor	\$16,096,095	VH	H	VL	VL	VL	VL	VL
	1	Property and Procurement	\$2,430,234	VH	VH	VL	VL	VL	VL	VL
	1	National Guard Headquarters	\$9,504,914	VH	H	VL	VL	VL	VL	VH
Airport	1	Henry E Roslsen Airport	\$56,500,000	M	M	VL	VL	VH	VL	VL
									VL	VL
Docks	1	Frederiksted Fisherman's Pier	\$113,000	VL	VL	VL	VL	VH	VL	VL
	1	Ann E Abramson Pier	\$3,955,000	VL	VL	VL	L	VH	VL	VL
	1	Crallows Bay Warf	\$2,260,000	VL	L	VL	L	VH	VL	VL
	1	Container Port	\$1,695,000	VL	VL	VL	VL	VL	VL	VL
	1	Gordon A Finch Molasses Pier	\$1,695,000	VL	VL	VL	L	VH	VL	VL
									VL	VL
Power Stations	1	WAPA Water and Power Plant	\$50,850,000	H	L	VL	VL	VL	VL	VL

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Facility Type	Number of Facilities	Name	Total	Earthquake	Hurricane	River Flood	Coastal Flood	Tsunami	Rain Induced Landslide	Wildfire
Utilities	14	<i>Sewage Pumps</i>	\$25,039,773	NA	NA	NA	NA	NA	NA	NA
	1	Wastewater Treatment Plant	\$22,600,000	H	L	VL	VL	VH	VL	VH
	1	<i>Water Treatment Plant</i>	\$50,850,000	H	L	VL	VL	VL	VL	VL
	8	<i>Water Pumps</i>	\$151,890	NA	NA	NA	NA	NA	NA	NA
	12	<i>Water Tanks</i>	\$9,161,765	NA	NA	NA	NA	NA	NA	NA

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ST. JOHN

						Vulnerability Levels				
Facility Type	Number of Facilities	Name	Total	Earthquake	Hurricane	River Flood	Coastal Flood	Tsunami	Rain Induced Landslide	Wildfire
Police Stations	1	Police Department	\$3,375,875	L	L	H	VL	VL	VL	VL
	1	PD Motor Vehicles Inspection Station	\$856,540	H	H	VL	VL	VH	VL	VH
Fire Stations	1	Romeo Fire Station	\$3,777,429	M	L	VL	VL	VL	VL	VL
	1	Zulu Company Fire Station	\$968,571	VH	H	VL	VL	VH	VL	L
Emergency Response	1	VITEMA/DPW	\$5,036,571	M	L	VL	VL	VL	VL	VL
Hospitals/Clinics	1	Myrah Keating Smith Health Center	\$15,196,367	L	L	VL	VL	VL	VL	L
	1	Morris F de Castro Clinic	\$2,032,415	VH	VH	VL	VL	VL	VL	VL
Refuges	1	Emmaus Roman Catholic Church	\$9,298,286	VH	H	VH	VL	VL	VL	VL
	1	Bethany Moravian Church	\$10,654,286	H	M	VL	VL	VL	VL	VL
	1	Seventh Day Adventist Church	\$3,486,857	M	M	VL	VL	VL	VL	H
Schools	1	Guy Benjamin Elentary School	\$16,922,880	VH	H	VL	VL	VL	VL	VL
	1	Julius Sprague Elementary School	\$11,031,620	VH	H	VH	VL	VH	VL	VL

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Facility Type	Number of Facilities	Name	Total	Earthquake	Hurricane	River Flood	Coastal Flood	Tsunami	Rain Induced Landslide	Wildfire
Government Buildings	1	Administrator's Offices	\$2,350,764	VH	L	VL	VL	VH	VL	VL
	1	National Park Service/ARC	\$8,368,457	L	L	H	VH	VH	VL	VL
	1	Department of Human Services	\$2,169,600	VH	H	VL	VL	VH	VL	VH
Piers	1	Port	\$2,825,000	VL	L	VL	L	VH	VL	VL
Power Stations	1	WAPA Administration/Power Plant	\$15,255,000	H	L	VL	VH	VH	VL	VH
	1	Port	\$2,825,000	VL	VL	VL	VL	VL	VL	VL
Utilities	1	WAPA Desalinization Plant	\$3,293,143	M	L	VL	VL	VH	L	VL
	1	WAPA Water Tank	\$1,217,143	H	L	VL	VH	VH	VL	VL
	1	Sewage Treatment Plant	\$28,250,000	H	L	H	VH	VL	VL	VL
	1	Potable Water Tank	\$68,464	H	VL	VL	VL	VL	VL	VL